

In the Claims:

Please delete claims 1-6, 19-21, and 23-31.

Please add new claims 32-51 as set forth below:

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32. (New) An electronic still camera for initiating capture of a still image while previewing motion images on a display, comprising:

- (a) an image sensor having a two-dimensional array of photosites for capturing images of a scene, each captured image having pixel values;
- (b) first processing means for generating a first number of pixel values representative of a series of motion images to be previewed;
- (c) a display for presenting at least some of the motion images of the series of motion images corresponding to the captured images of the scene;
- (d) a capture button for initiating capture of a still image while previewing the motion images presented on the display;
- (e) second processing means for generating a second number of pixel values representative of the captured still image, wherein the second number of pixel values representative of the captured still image is greater than the first number of pixel values representative of the series of motion images; and
- (f) a digital memory for storing the captured still image.

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~~32~~ (New) The electronic still camera of claim ~~32~~ further including a multiplexer having first and second inputs and an output, wherein the first input is coupled to the first processing means, the second input is coupled to the second processing means, and the output is coupled to the display so that a captured still image can be viewed on the display.

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~~34~~ (New) The electronic still camera of claim ~~32~~ wherein the first processing means and the second processing means are integrated into a single integrated circuit.

Sub E

35. (New) The electronic still camera of claim 32 wherein the first processing means and the second processing means produce the first number of pixels and the second number of pixels, respectively, prior to transferring the image pixels to the display and the digital memory, respectively.

36. (New) The electronic still camera of claim 32 wherein the first number of pixel values representative of the series of motion images are transferred to the display in a digital format.

37. (New) The electronic still camera of claim 32 wherein the first number of pixel values representative of the series of motion images are mapped into a form suitable for display.

38. (New) The electronic still camera of claim 37 wherein after the first number of pixel values representative of the series of motion images are mapped into a form suitable for display, the signals representing the captured images are converted back into an analog form.

39. (New) The electronic still camera of claim 32 further including a firmware memory, a processor, and an application specific integrated circuit, and wherein the first processing means is provided in the application specific integrated circuit, and the second processing means is provided using the processor which implements software procedures stored in the firmware memory.

40. (New) The electronic still camera of claim 32 wherein the image sensor includes a color filter array to produce color image data, the second processing means processes the color image data and performs JPEG image compression on the captured still image, and the JPEG compressed still image is stored in the digital memory.

41. (New) The electronic still camera of claim 40 wherein the digital memory is a removable memory card.

Sub E³

42. (New) An electronic still camera for initiating capture of a still image while previewing motion images on a display, comprising:

- (a) an image sensor having a two-dimensional array of photosites for capturing images of a scene, each captured image having pixel values;
- (b) a first processor for generating a first number of pixel values representative of a series of motion images to be previewed;
- (c) a display for presenting at least some of the motion images of the series of motion images corresponding to the captured images of the scene;
- (d) a capture button for initiating capture of a still image while previewing the motion images presented on the display;
- (e) a second processor for generating a second number of pixel values representative of the captured still image, wherein the second number of pixel values representative of the captured still image is greater than the first number of pixel values representative of the series of motion images; and
- (f) a digital memory for storing the captured still image.

~~16~~

~~43~~

(New) The electronic still camera of claim ~~42~~⁵ further

including a multiplexer having first and second inputs and an output, wherein the first input is coupled to the first processor, the second input is coupled to the second processor, and the output is coupled to the display so that a captured still image can be viewed on the display.

~~19~~

~~44~~

(New) The electronic still camera of claim ~~42~~⁵ wherein the

first processor and the second processor are integrated into a single integrated circuit.

Sub E⁴

45. (New) The electronic still camera of claim 42 wherein the first processor and the second processor produce the first number of pixels and the second number of pixels, respectively, prior to transferring the image pixels to the display and the digital memory, respectively.

46. (New) The electronic still camera of claim 42 wherein the first number of pixel values representative of the series of motion images are transferred to the display in a digital format.

47. (New) The electronic still camera of claim 42 wherein the first number of pixel values representative of the series of motion images are mapped into a form suitable for display.

48. (New) The electronic still camera of claim 47 wherein after the first number of pixel values representative of the series of motion images are mapped into a form suitable for display, the signals representing the captured images are converted back into an analog form.

²²
~~49~~ (New) The electronic still camera of claim ¹⁵~~42~~ further including a firmware memory, and an application specific integrated circuit, and wherein the first processor is provided in the application specific integrated circuit, and the second processor implements software procedures stored in the firmware memory.

²³
~~50~~ (New) The electronic still camera of claim ¹⁵~~42~~ wherein the image sensor includes a color filter array to produce color image data, the second processor processes the color image data and performs JPEG image compression on the captured still image, and the JPEG compressed still image is stored in the digital memory.

²⁴
~~51~~ (New) The electronic still camera of claim ²³~~50~~ wherein the digital memory is a removable memory card.

REMARKS

Formal drawings are submitted herewith under separate Letter to the Official Draftsperson. It is believed that these drawings satisfy the informalities noted by the Draftsperson in PTO-948 attached to Paper No. 9. Approval by the Examiner of these drawings is respectfully requested.